

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017022.D
 Acq On : 22 Jun 2020 17:22
 Operator : SY/MD
 Sample : L3067-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF8

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 8:57:37 AM

Quant Time: Jun 23 05:18:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	197342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	189206	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	96056	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63343	5.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	47916	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	303469	13.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	269.20%#
20) 2-Butanone-d5	3.95	46	166543	55.17	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.34%
24) Chloroform-d	4.38	84	137507	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.06	65	73502	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.07	84	263707	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.10	67	76322	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	244050	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
45) trans-1,3-Dichloropropene-	7.65	79	26461	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.11	63	117227	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	55521m	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	94215	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	70078	5.412	ug/L	96
8) Chloroethane	1.60	64	71777	10.030	ug/L	99
12) 1,1-Dichloroethene	2.13	96	381177	40.246	ug/L #	69
16) Methylene chloride	2.53	84	1410	0.139	ug/L	81
18) trans-1,2-Dichloroethene	2.78	96	8668	0.864	ug/L	99
19) 1,1-Dichloroethane	3.21	63	8963074	397.468	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	124575	9.077	ug/L	96
25) Chloroform	4.41	83	4092m	0.166	ug/L	
27) 1,2-Dichloroethane	5.16	62	10290	0.672	ug/L #	95
29) 1,1,1-Trichloroethane	4.64	97	25998139m	1146.900	ug/L	
33) Benzene	5.13	78	119248	2.407	ug/L	100
34) Trichloroethene	5.94	95	9546	0.658	ug/L	95
35) Methylcyclohexane	6.14	83	3228	0.143	ug/L #	30
42) Toluene	7.41	91	34289	0.595	ug/L	98
47) 1,1,2-Trichloroethane	7.87	97	6103	0.702	ug/L	94
49) Tetrachloroethene	8.00	164	4922	0.421	ug/L	90
53) Chlorobenzene	8.90	112	179418	4.996	ug/L	98

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54) Ethylbenzene	9.04	91	8304	0.135	ug/L	100
55) m,p-xylene	9.16	106	5941	0.246	ug/L	95
56) o-xylene	9.57	106	7769	0.345	ug/L	97
58) Isopropylbenzene	9.95	105	20477	0.331	ug/L #	95
63) 1,3-Dichlorobenzene	11.21	146	3699	0.128	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	12588	0.428	ug/L	88
66) 1,2-Dichlorobenzene	11.67	146	56037	2.135	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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